

Royalite® R24 with R18 Cap-low gloss

Fire-Rated ABS sheet

Product Description

Royalite® R24 is proprietary Fire Rated ABS thermoplastic sheet product. Adding R18 cap provides low gloss finish. It is UL listed 94HB @ 0.060" and above in all colors. In addition, Royalite® R24 combines high impact strength and stiffness with excellent formability. It also has an enhanced heat deflection temperature and provides outstanding color and gloss control and superior grain retention after thermoforming.

Technical Properties

Property	Test Method	Value*
Specific Gravity (color dependent)	ASTM D-792	1.02 - 1.08
Izod Impact (Notched) 72°F	ASTM D-256	7.0 ft-lbs/in
Tensile Strength	ASTM D-638	4,500 psi
Flexural Strength	ASTM D-790	7,400 psi
Flexural Modulus	ASTM D-790	250,000 psi
Rockwell Hardness (R Scale)	ASTM D-785	91
Heat Deflection Temperature (@264 psi - annealed)	ASTM D-648	200°F
Gardner Gloss @60°	ASTM D-523	<20%
Flammability	UL 94-HB	Listed at 0.060"
Motor Vehicle Safety Standard	FMVSS 302	Passes at 0.050"

**All values based on 0.125"
unless otherwise stated*

For additional information, please contact Spartech at 800-677-4338 (800-67-SHEET), e-mail info@spartech.com or visit our website at www.spartech.com

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